

10 March 2010

Presentation to the United States Information Trade Commission:

Presented by Rudi Roeslein

- Short Introduction of Roeslein & Associates and their business model
- How is that transferrable to other processes and how can it benefit our economy and jobs?
- Barriers & Risks:
 - Import duties vary from country to country
 - VAT and Tax issues vary from country to country and may be very onerous in some countries such as Brazil and China for our preassembled systems
 - CE requirements are interpreted differently for every country
 - Security in certain countries is a big problem and must be given adequate consideration and planning
 - Cultural, religious and political differences must be acknowledged, understood and respected. When you are in another country you cannot assume American laws and liberties apply

Thank you,

A handwritten signature in black ink, appearing to read "Rudi Roeslein".

Rudi Roeslein
CEO

US International Trade Commission

INTEGRATED MANUFACTURING
TECHNOLOGIES

ROESLEIN.
& ASSOCIATES, INC.



Roeslein & Associates Overview

Founded in 1990 Saint Louis, Missouri

Branch Offices:

- Roeslein & Associates of Denver - Denver, CO
- Roeslein & Associates, Ltd. - Birmingham, UK
- Integrated Manufacturing Technologies - Red Bud, IL
- Roeslein & Tegron, LLC - St. Louis, MO

Annual Revenue:

- 2007: \$62 million
- 2008: \$125 million
- 2009: \$75 million

Current Resources:

- 75 professional services employees
- 85 manufacturing craftsmen
- 25 installation personnel



Industries Served

- Renewable Energy
 - Ethanol
 - Corn (Starch)
 - Cellulosic
 - Biodiesel
- Packaging
- Acid, Methanol & Glycerin Recovery
- Utilities & Waste Water
- Pharmaceutical



Global Projects

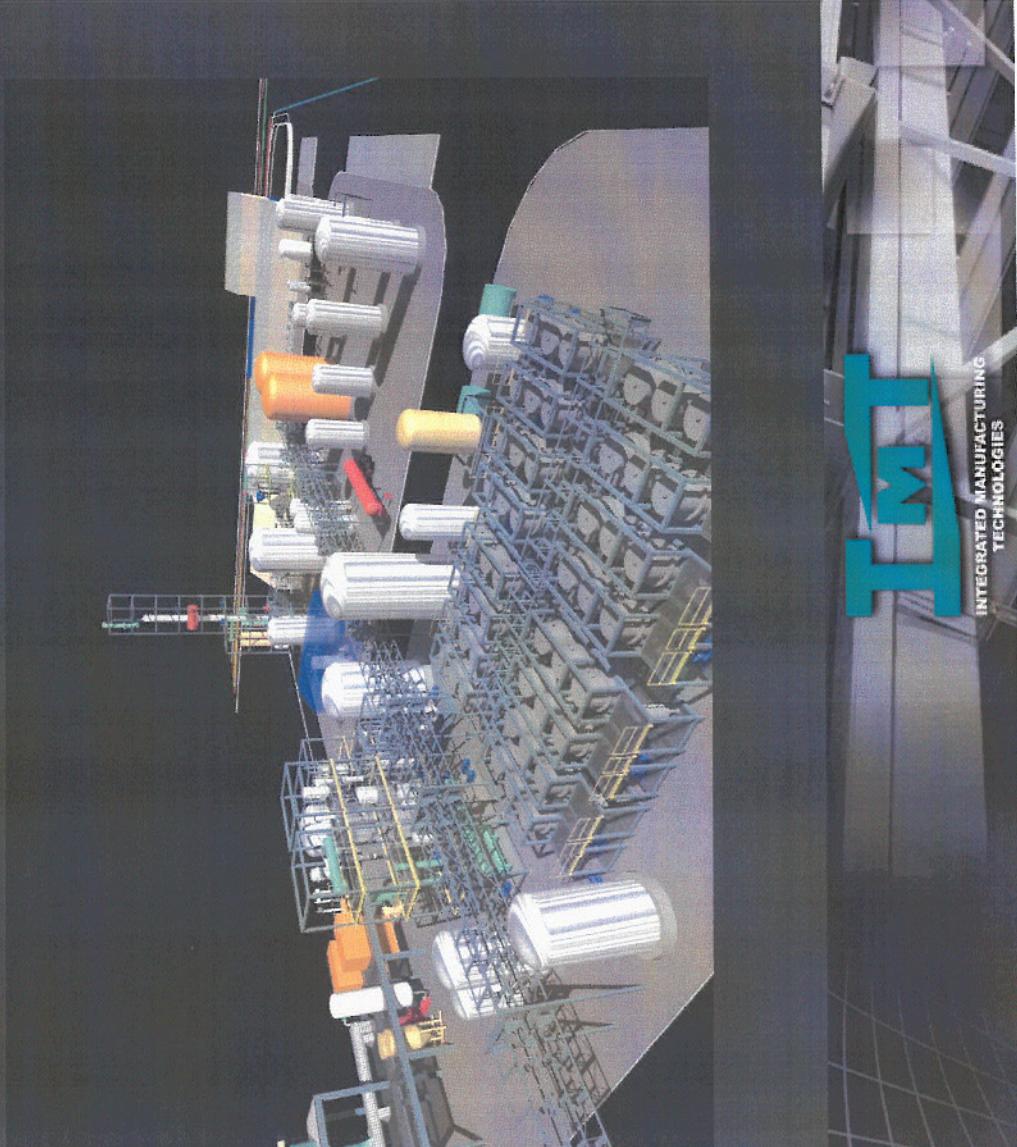
<u>Africa</u>	Asia	<u>Europe</u>	<u>North America</u>	<u>South America</u>
Angola	China	Austria	Guatemala	Argentina
Egypt	Hong Kong	Denmark	Mexico	Brazil
Morocco	Indonesia	France	Panama	Columbia
Nigeria	Philippines	Germany	Puerto Rico	Venezuela
	Russia	Italy	United States	
	Saudi Arabia	Poland		
	Taiwan	Romania		
		Serbia		
		Spain		
		Ukraine		
		Australia		
		Australia		
		New Guinea		
		New Zealand		



ITM
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Consulting

- Feasibility Studies
- Capital Budgeting
- Conceptual Design
- Process Design
- Front End Engineering



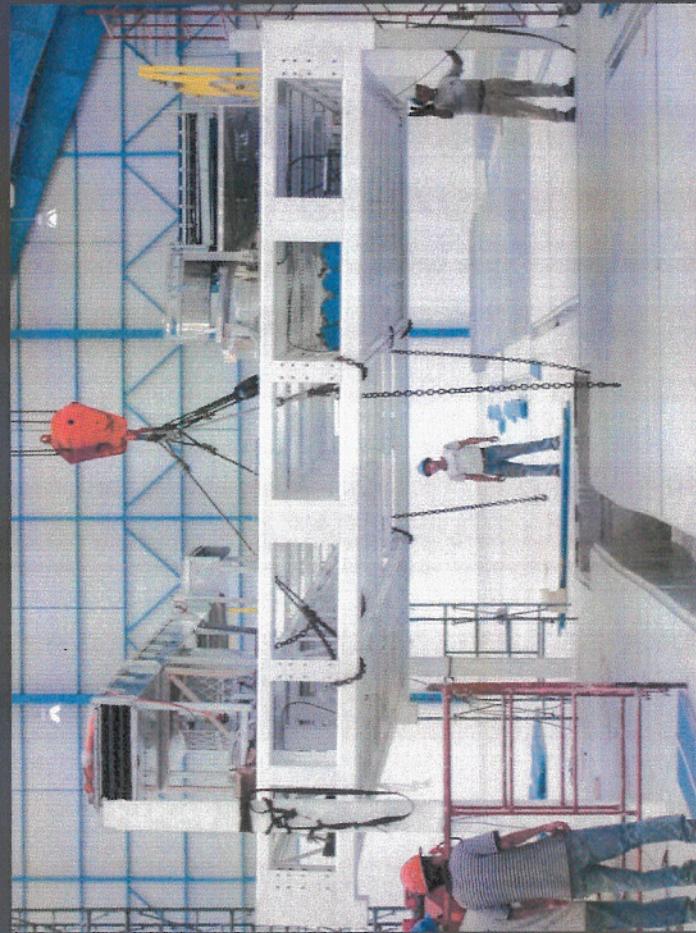
Engineering

- Mechanical, Electrical & Equipment Specifications/Data Sheets Building Criteria
- Mechanical Engineering
- Process Engineering
- Piping & Stress Analysis
- Process Instrumentation & Controls
- Power & Utilities Engineering
- Structural Design
- Civil Engineering*
- Architectural Design*



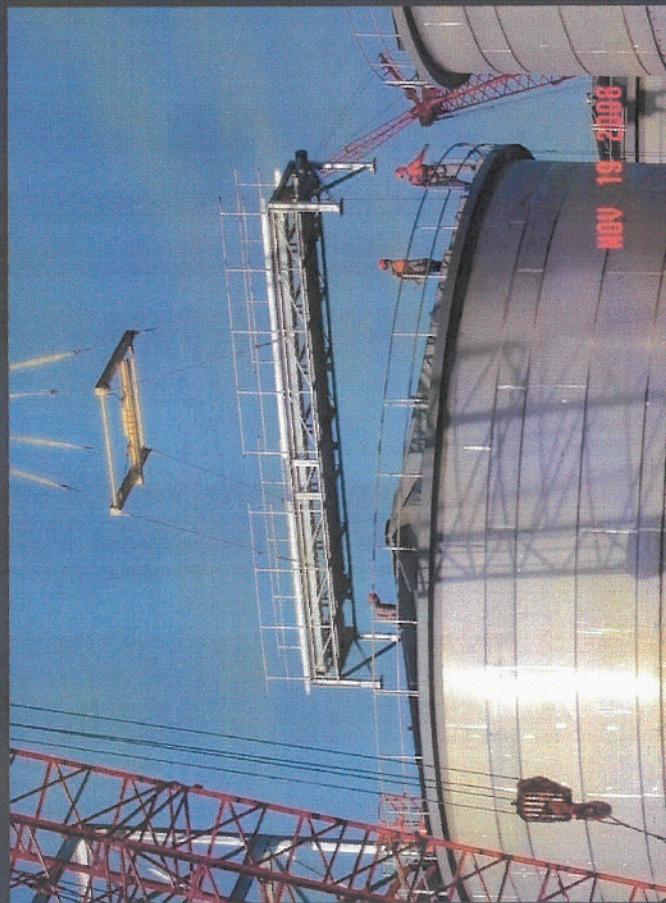
Project Management

- Cost Control
- Schedule Management
- OEM & Vendor Coordination
- Quality Assurance
- Validation IQ/OQ
- Hazmat
- Engineering Discipline Coordination
- Project Documentation



Construction Management Services

- Controlling / Reducing Construction Costs
- Improving Reaction Time to Emerging Markets
- Improving Overall Installation Quality and Schedule
- Reducing Project Risk By Leveraging Our Project Implementation Methodologies



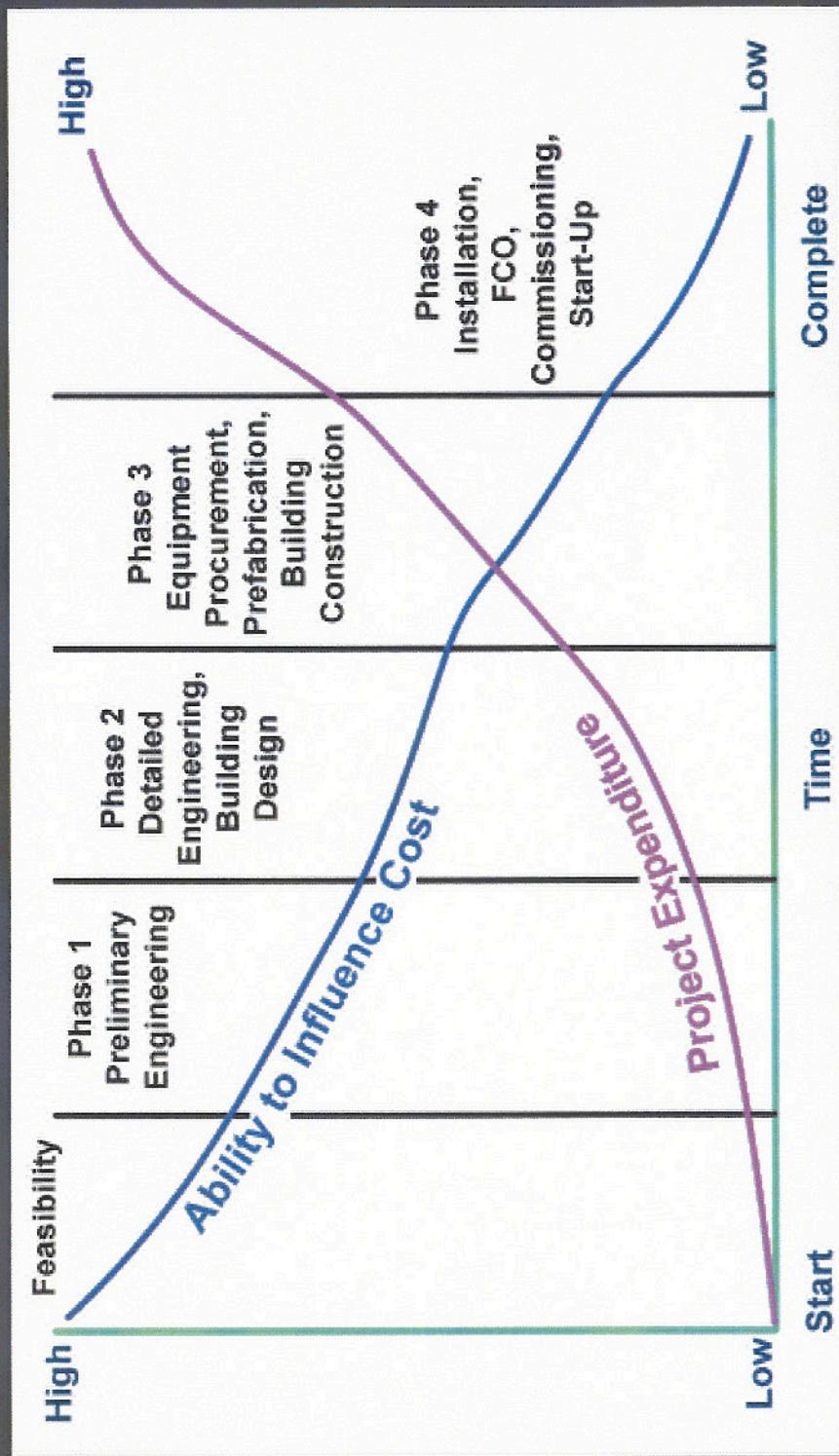
Four Phase Approach

PHASE 1 Preliminary Engineering	PHASE 2 Detailed Design & Engineering	PHASE 3 Procurement & Prefabrication	PHASE 4 Installation & Start-Up
Commercial Summary Executive Summary Project Pricing Summary Narrative of Scope Terms & Conditions Technical Summary Production Objectives General Assumptions Narrative to Pricing Summary Scope of Supply Matrix Detailed Project Schedule Utility Analysis Organizational Chart Preliminary General Arrangement Conveyance & Control System Description Equipment Control Index Preliminary Drawing List Piping—P&ID's and Routing Electrical Summary—Load Tables Meeting Minutes	Equipment Specifications Mechanical Design Package Electrical Design Package Installation Specifications Mechanical Bid Documents Electrical Bid Documents Design Reviews: Client, Suppliers and Contractors Equipment Coordination and Buy-offs Building Design Coordination	Manufacturing Process Equipment Conveyance Systems Support Equipment Prefabrication Unitizing Modularization Pre-assembly Line control systems Permitting Process Building Construction	Process Installation Functional Check Out Commissioning Start-up Support OEM Coordination Training Ongoing Technical Support Operations Support

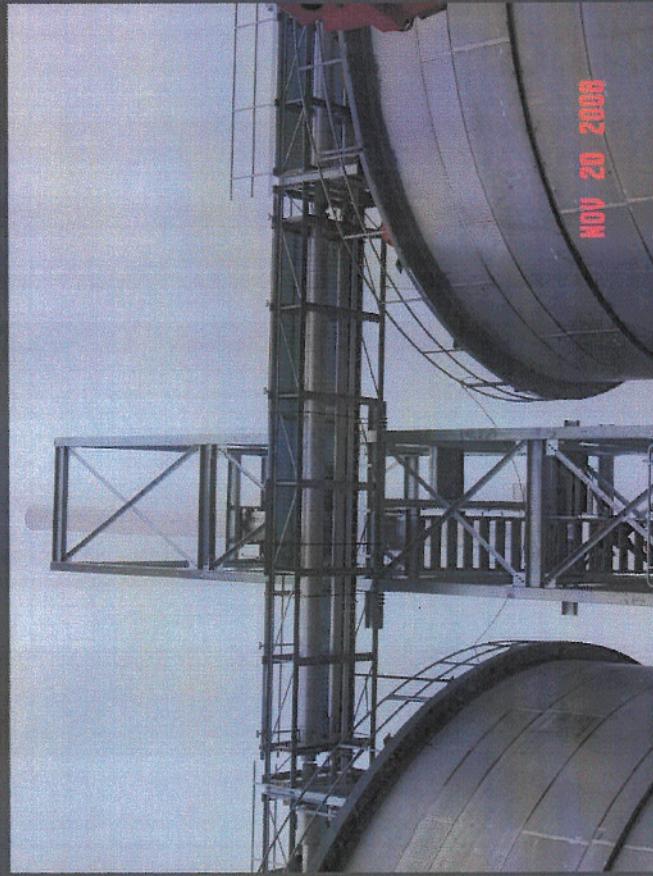
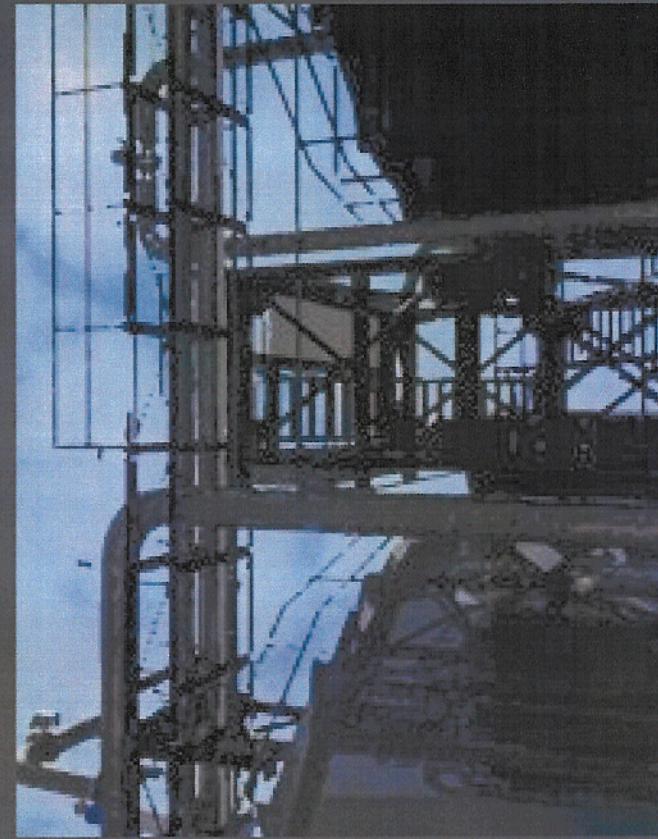


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Value of Engineering



Concept to Completion

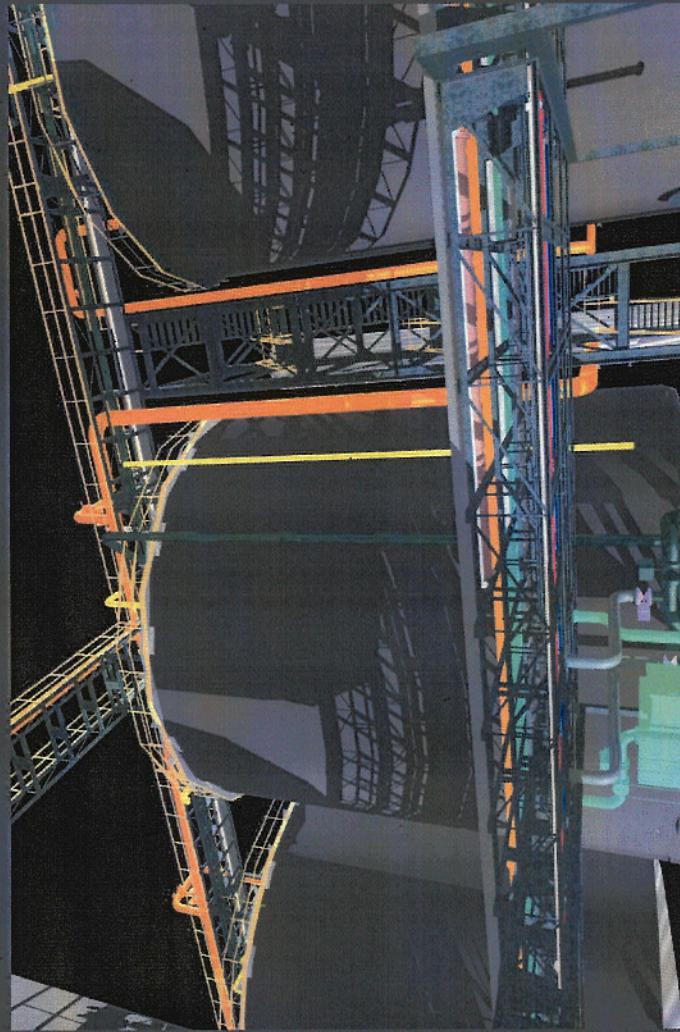


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Conceptual Designs

Modularization within Fermentation Alley

- Fermentation Alley Pipe Modules
- Cooler/Pump Modules
- Upper Level Pipe Modules



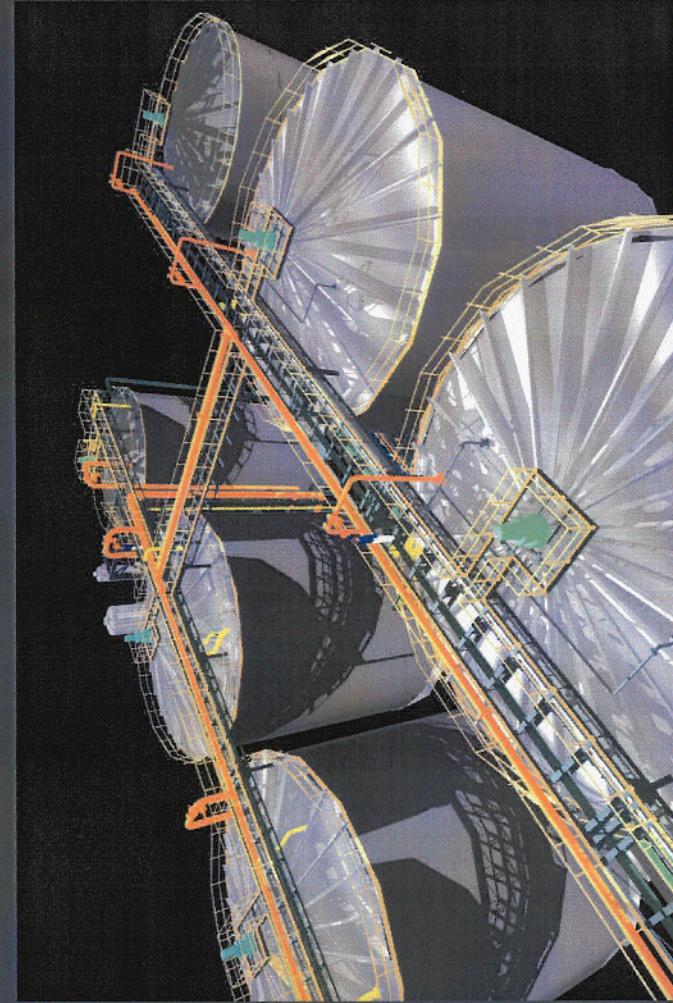
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Modularization

Conventional Construction vs. Modularization Comparison

- Results:

- Total Installed Cost Savings
- Improves Schedule
- Constructability
- Accessibility
- Maintainability



Integrated Manufacturing Technologies Overview

- Integrated Manufacturing Technologies (IMT), a wholly owned subsidiary of Roeslein & Associates, Inc.
- IMT offers alternative construction approaches from our 250,000 square foot facility situated on 17 acres.
- We fabricate, unitize, modularize, preassemble and test complete systems prior to installation.
- Certified welders for carbon and stainless steel (WW.1.1.1, WW.1.1.2 and TT.8.8.1) with segregated welding shops.
- Experienced in mechanical and electrical field installation, process piping fabrication, electrical wiring and controls.



IMT
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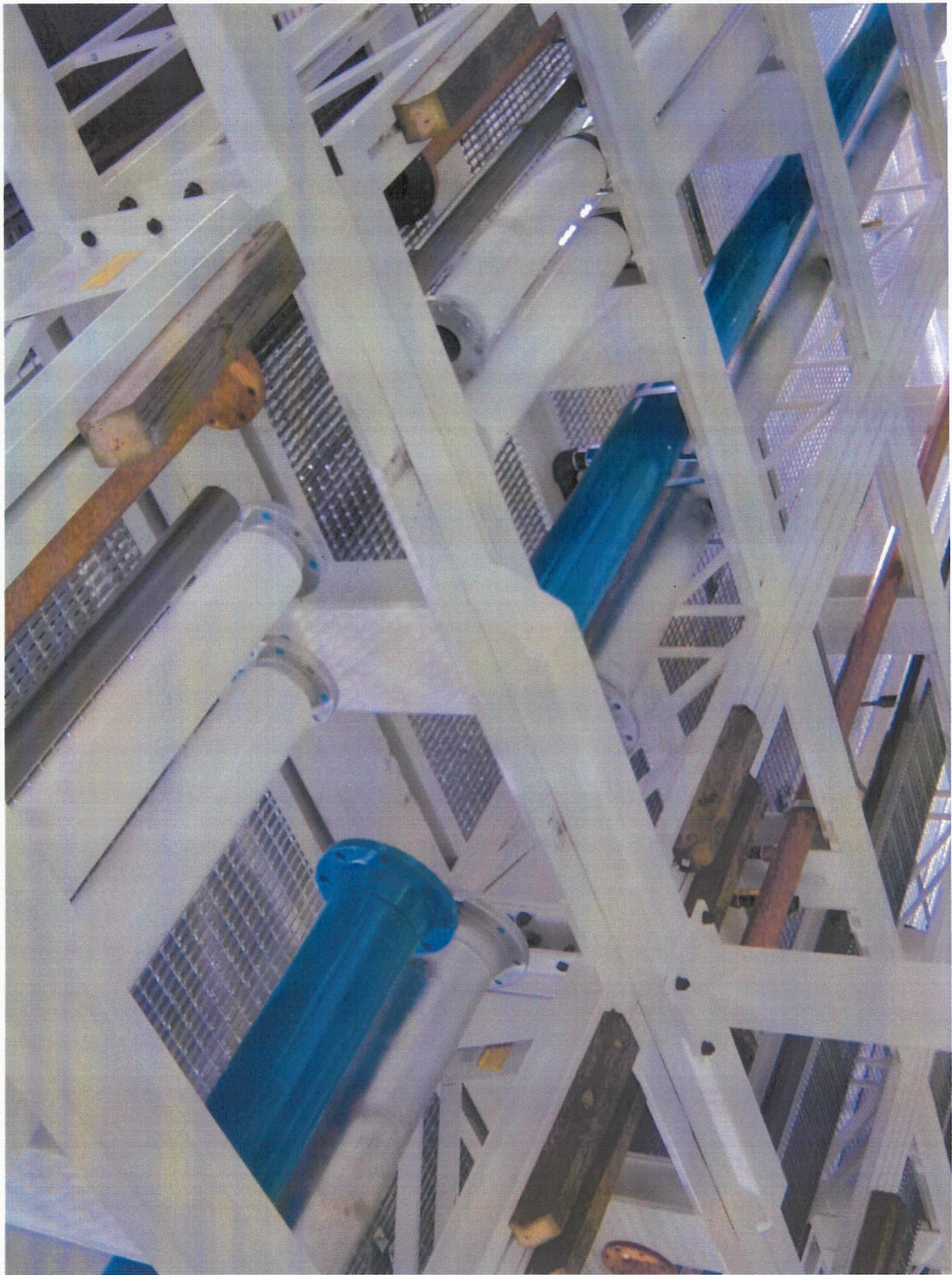














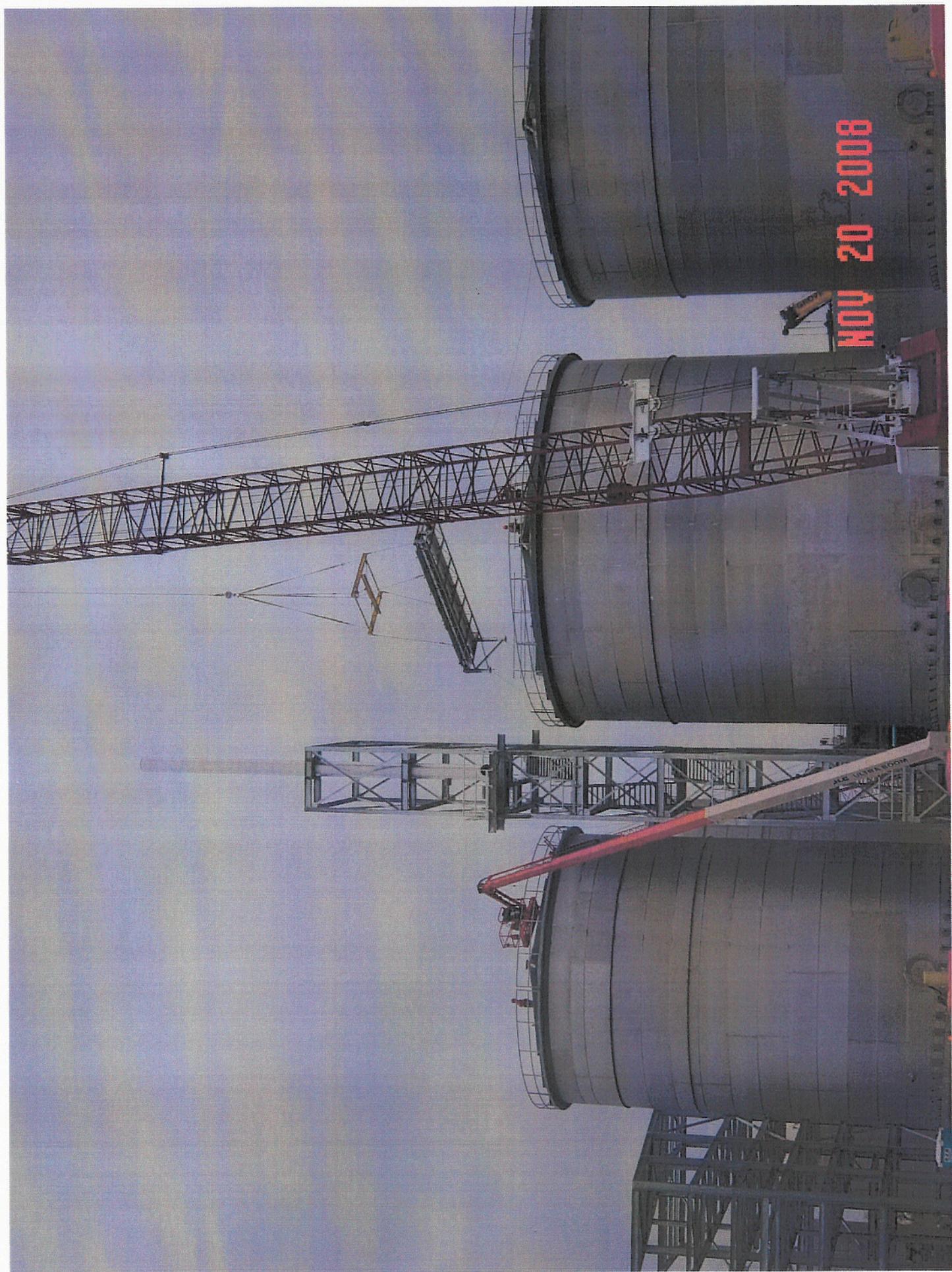


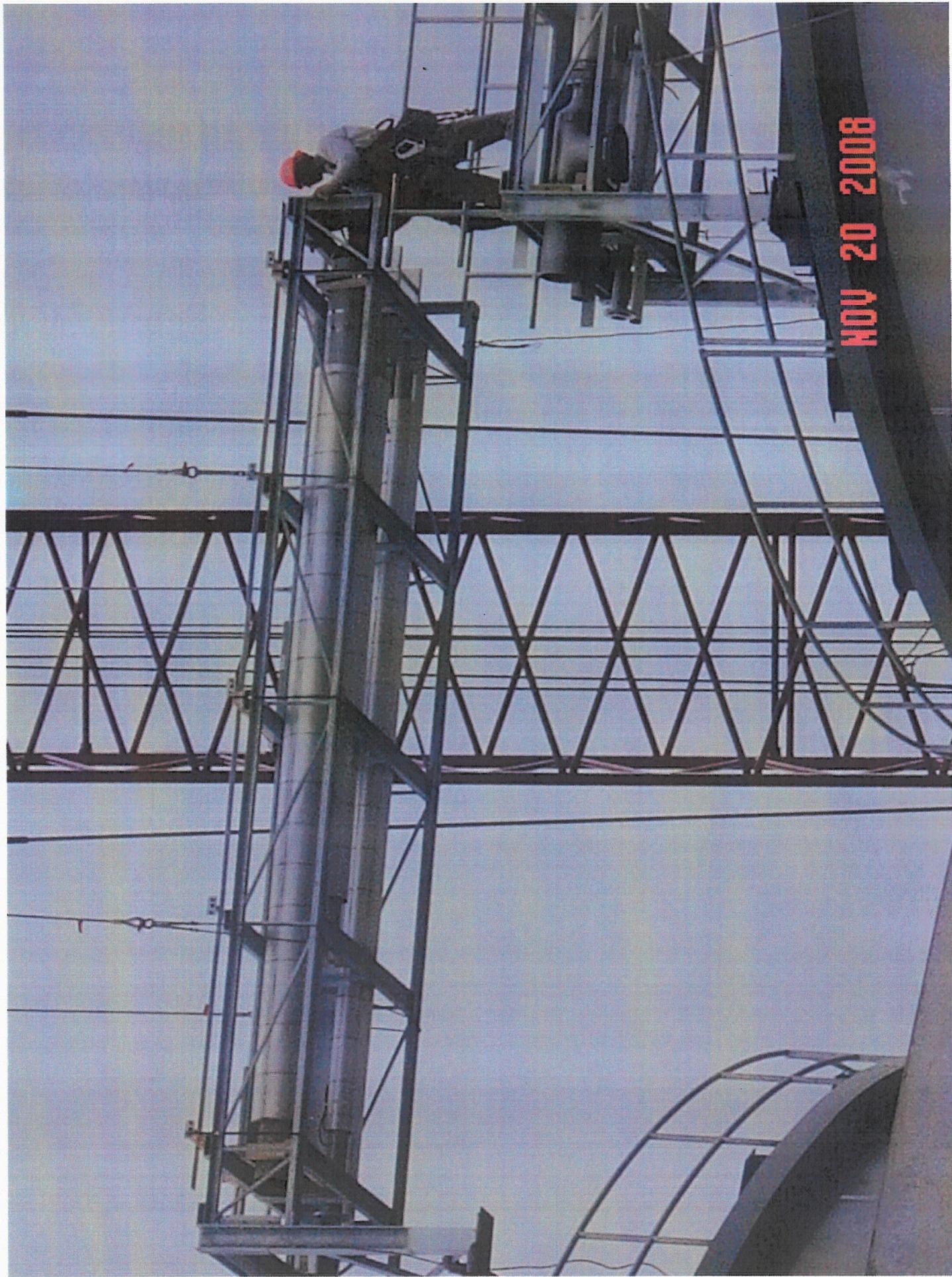
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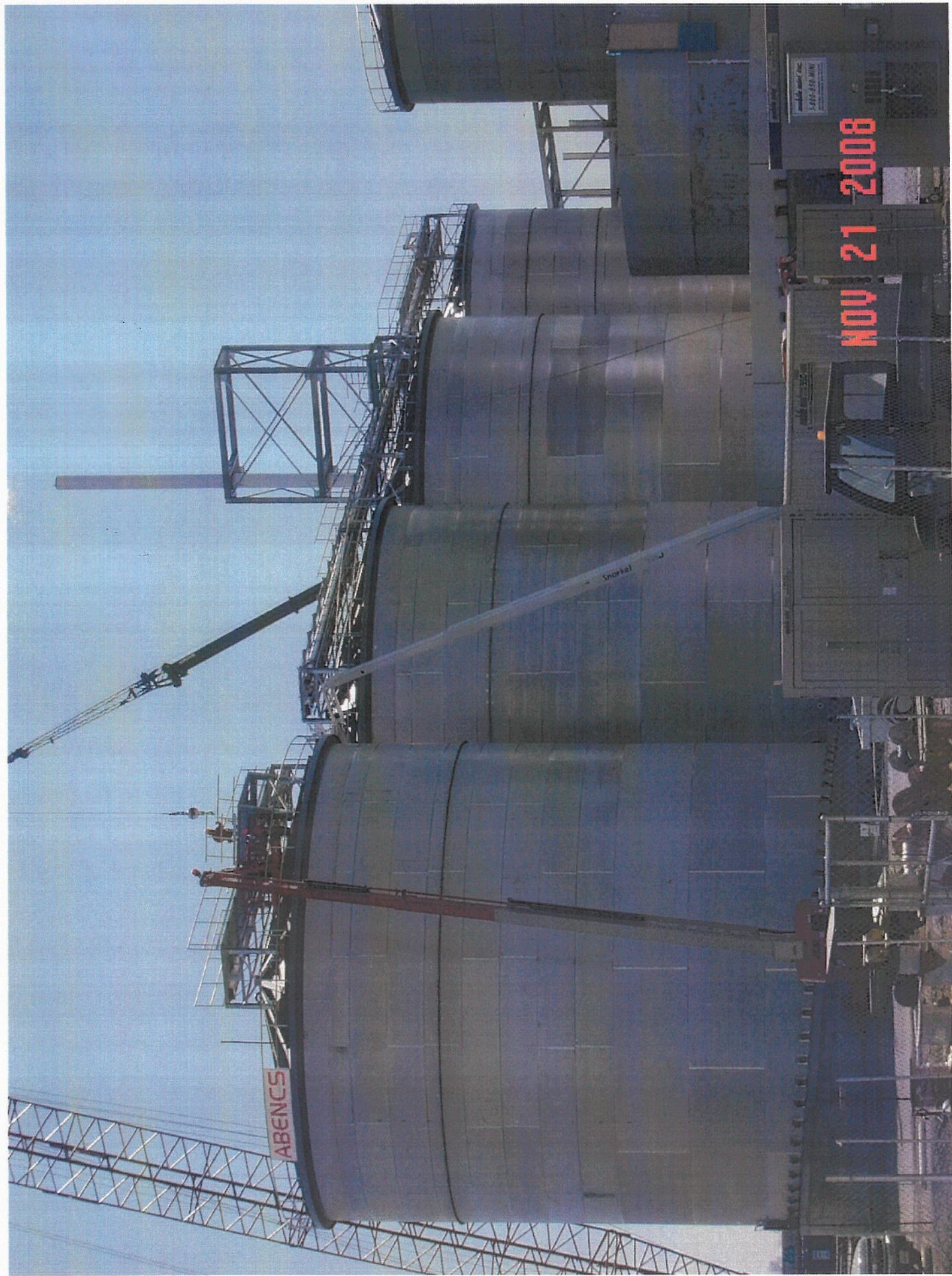
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A photograph showing a large, cylindrical industrial silo under construction or maintenance. The silo is made of grey concrete panels with vertical reinforcement. A tall, multi-level metal scaffolding tower stands next to it, with workers visible on the upper levels. A red articulated boom lift is positioned at the base of the silo, extending upwards towards the middle section. The sky is clear and blue.



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Benefits of Roeslein Modular System

Safety & Productivity

- Enhanced overall project safety allows for more productive work environment.
- Less site congestion (lifts, equipment, personnel).
- Minimize stacking of trades from the field to a controlled shop.

Schedule

- Substantial reduction in on-site installation schedule & manpower.
- Decouples process installation from building construction and major equipment erection.
- Mitigate weather interruptions and shortage of local skilled labor resources.
- Speed to Market.

Cost

- Minimize change orders and contract growth.
- Controlled shop fabrication reduces field labor.
- Faster recovery of committed.

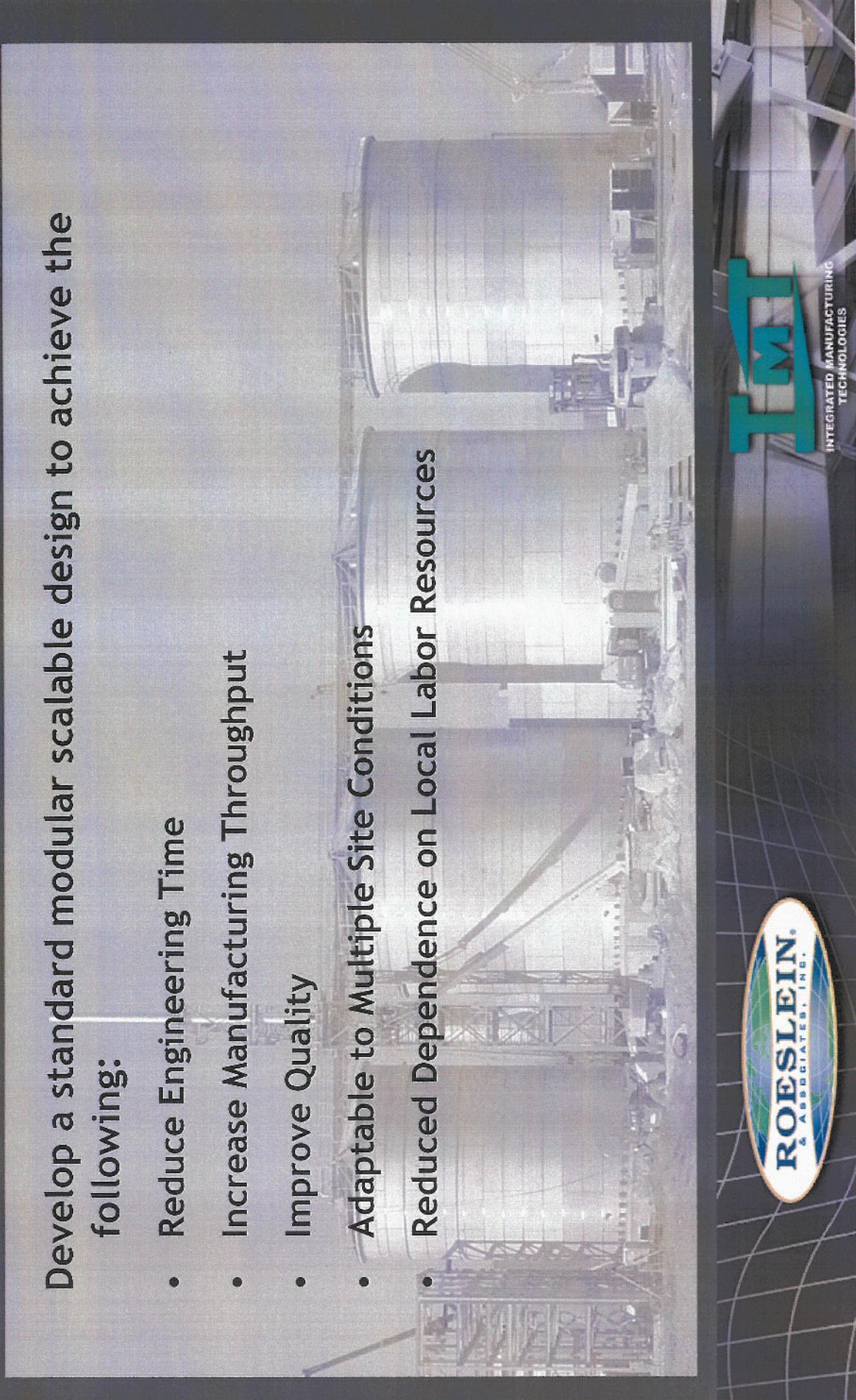


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Key Opportunities for Roeslein Modular System

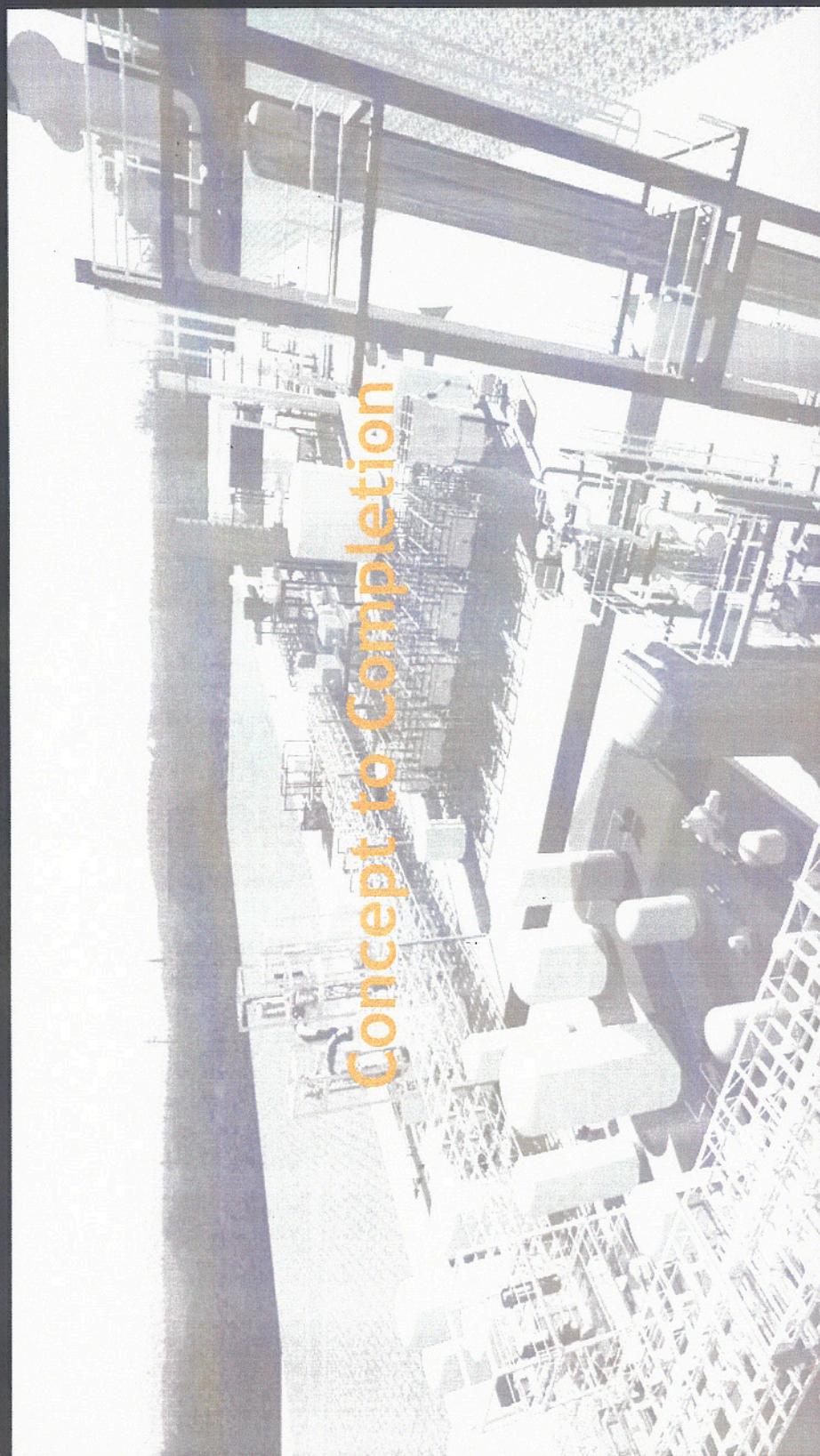
Develop a standard modular scalable design to achieve the following:

- Reduce Engineering Time
- Increase Manufacturing Throughput
- Improve Quality
- Adaptable to Multiple Site Conditions
- Reduced Dependence on Local Labor Resources



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Thank You



Concept to Completion



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